

## Recombinant Human VGF Protein, His-tagged

Cat. No. VGF-570H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VGF Protein (Asp330-Pro449) with N-His tag was expressed in 293F.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Asp330-Pro449
<b>Description</b>	This gene is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. The structural organization of this gene is similar to that of the rat gene, and both the translated and the untranslated regions show a high degree of sequence similarity to the rat gene. The encoded secretory protein also shares similarities with the secretogranin/chromogranin family, however, its exact function is not known.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 14.9 kDa Accurate Molecular Mass: \
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

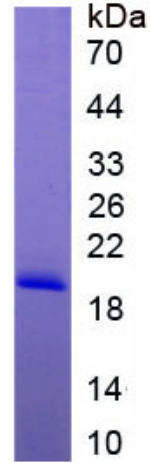
## GENE INFORMATION

<b>Gene Name</b>	VGF VGF nerve growth factor inducible [ Homo sapiens (human) ]
<b>Official Symbol</b>	VGF
<b>Synonyms</b>	VGF; VGF nerve growth factor inducible; SCG7; SgVII
<b>Gene ID</b>	7425
<b>mRNA Refseq</b>	NM_003378
<b>Protein Refseq</b>	NP_003369
<b>MIM</b>	602186
<b>UniProt ID</b>	O15240

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